

BSI-Inspectorate America 178 Mortland Road Searsport, Maine 04974 (207)548-6440



QUALITY CERTIFICATE

SHORE TANK NO. 3

Customer Operation

SPRAGUE ANALYSIS

Port Date **BUCKSPORT, MAINE**

November 21, 2003

Terminal SPRAGUE

SP/03/1128 Report

Reference

Sample # 287650

Name of material being tested Description of sample source Samples Drawn by (company) Samples Tested by (company) **NO. 6 FUEL OIL 0.5%**

EX. SHORE TANK NO. 3 AFTER DISCAHRGE OF B NO. 120 **INSPECTORATE INSPECTORATE**

| Tests being Performed | Test method | Minimum | Maximum | Sample Source |
|---|---|---|--|---------------|
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| | *************************************** | | | |
| GRAVITY, API @ 60 F | ASTM D 4052 | | | 18.0 |
| FLASH POINT, F | ASTM D 93 | | | 200+ |
| VISCOSITY, SSF @ 122 F | ASTM D 445/2161 | | | 108.3 |
| POUR POINT, F | ASTM D 97 | | | +48.2 |
| WATER & SEDIMENT, % VOL. | ASTM D 1796 | | | 0.20 |
| LPHUR, % WT. | ASTM D 4294 | | | 0.482 |
| JASH, % WT. | ASTM D 482 | | | 0.0269 |
| VANADIUM, PPM | AA/AE | | | 11 |
| SODIUM, PPM | AA/AE | | | 16 |
| BTU'S/POUND | CALCULATION | | | 18,818 |
| BTU'S/GALLON | CONVERSION | | | 148,323 |
| NITROGEN, % WT. | ASTM D 3228 | | | 0.416 |
| CARBON RESIDUE, % WT. | ASTM D 4530 | *************************************** | | 8.38 |
| ASPHALTENES, % WT. | IP-143 | | | 2.60 |
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| SPRAGUE PROVIDES THE ATTACHED INSPECTION | REPORT/ANALYSIS | | | |
| REPRESENTING THE SPECIFICATIONS OF THE PRO | DUCT AT THE SPRAGUE | | | |
| TERMINAL IN TANK ON THE DATE OF INSPECTION THIS ANALYSIS IS PROVIDED TO THE CUSTOMER F | OF THE PURPOSE OF | | | <u>†</u> |
| SCTARI ISHING THE INDEPENDENTLY VERIFIED PR | ODUCT SPECIFICATION ON | | - | |
| A COMPOSITE BASIS IN SPRAGUES TERMINAL SHI | ORE TANK AS NOTED ON THE | - | | |
| CERTIFICATE. THE INSPECTION REPORT IS NOT TO | D BE USED FOR ANY UTHER | | | |
| PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FO BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIM | S ANY WARRANTY OF | | * | |
| MEDCHANTARII ITY OR FITNESS FOR AN INTENDED US | SE EXCEPT AS MAY BE SPECIFICALLY | | - | ļ |
| CET CORTH IN WRITING IN ANY CONTRACT OR TE | RMS OF SALE BETWEEN SPRAGUE | | | |
| AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO |) []AB[[]]Y FON CLAIMS ON LUSSES | | | • |
| THAT MAY ARISE FROM CUSTOMER'S USE OF THE | S HOPEOHOR RELOTHINGERED | | | |
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DENNIS E. CURTIS

Inspectorate America Corp (Searsport, Me.)